

TITLE: ROUTING AND STORAGE OF MEDICAL IMAGES
INVENTOR: DAVID GENDRON ET AL.
DOCKET NO.: 1027-001US01 REG. NO. 41,312
Replacement Sheet

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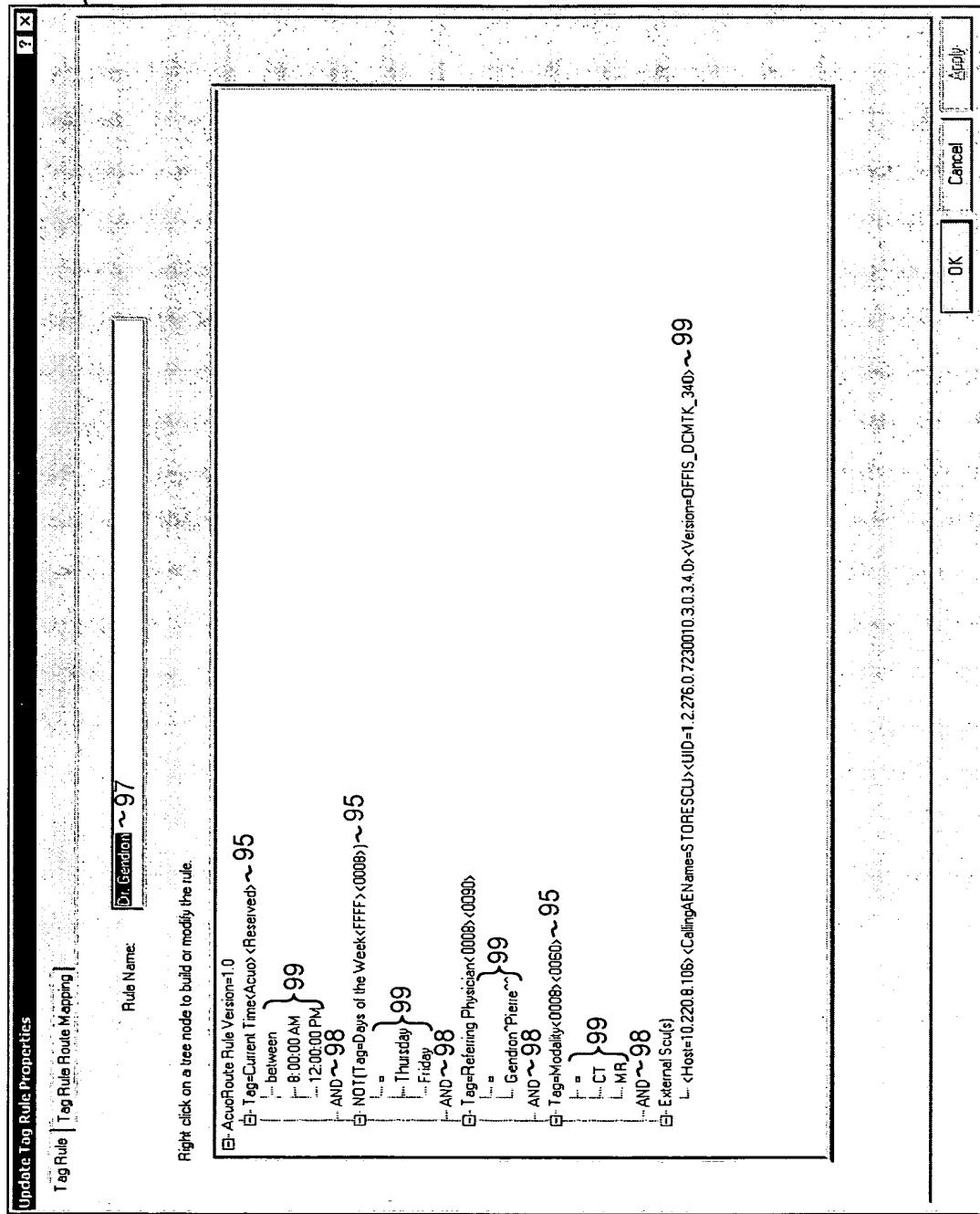


FIG. 10

TITLE: ROUTING AND STORAGE OF MEDICAL IMAGES
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Form1

Event Type

All Events

Processed	Tag In Error	Modality	EventID	EventDate Time	PatientID	StudyUID	SeriesUID	Image UID
0x10000	0x10000	Refresher/Reset	5/22/2001 12:27:...	P0103	5/22/2001 12:27:...	P0103	1.2.5281.1001.1...	1.2.5281.1001.1...
0x10000	0x10000	Properties	5/22/2001 12:27:...	P0103	5/22/2001 12:27:...	P0103	1.2.5281.1001.1...	1.2.5281.1001.1...

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Group Like Events Include Reconciled Apply Changes Delete Changes

FIG. 11

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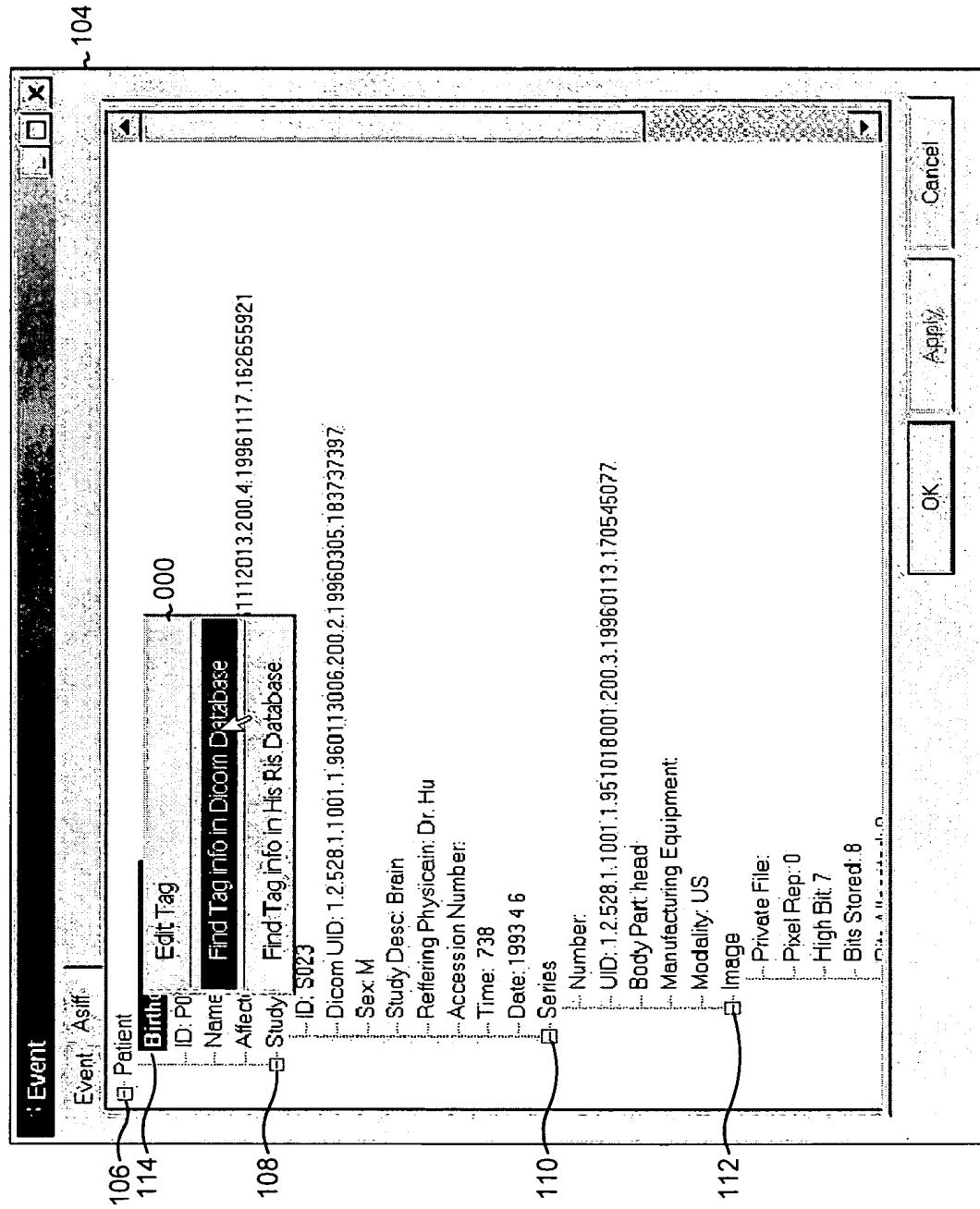


FIG. 12

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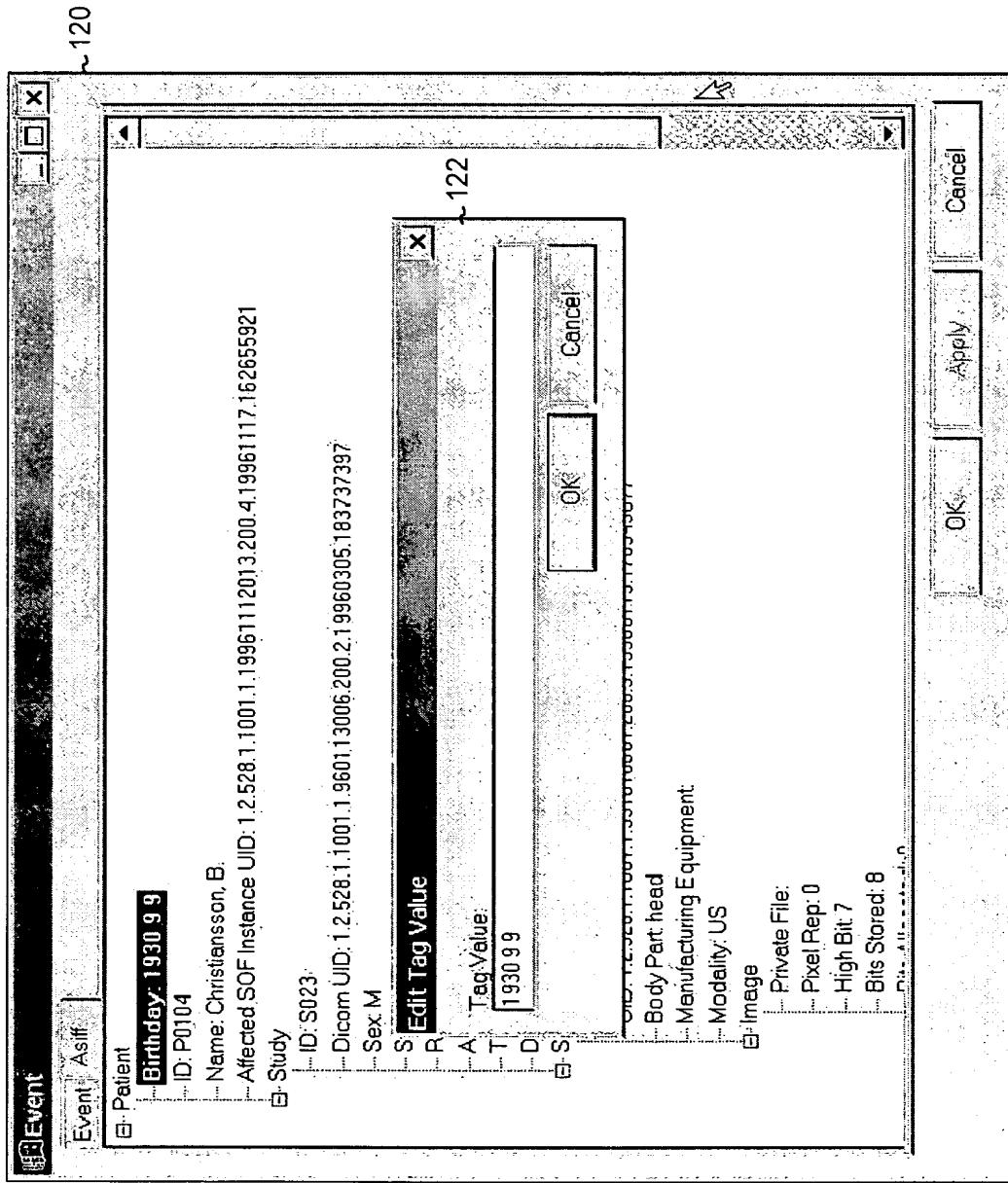


FIG. 13

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Patient Info	
ID:	P0104
General Patient Info	
Dicom Family Name Complex:	Christiansson ^B^Dr.^M.D.
Prefix:	Dr.
First Name:	Jason
Middle Name:	B.
Last Name:	CHRISTIANSSEN
Suffix:	M.D.
Birth Name:	Smith
Birthday:	9/9/1930
Birth Time:	
Mothers Birth Name:	
Comments:	
Test:	
Additional Patient Info	
Other Patient IDs:	P0103
Other Patient Names:	John Doe
Medical Alerts:	None
Contidst Allergies:	Not available
Additional History:	Yes
OK Cancel	

FIG. 14

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Image Info

SOP Class UID:	1.2.840.10008.5.1.4.1.1.6	Key Image:	0
SOP Instance UID:	1.2.528.1.1001.1.19961112013.2004.1996	Patient Orientation:	NA
Number:	1	Time:	7:38:00 AM
Overlay Number:	NA	Date:	4/6/1993
Lut Number:	NA	Series UID:	1.2.528.1.1001.1.951018001.2003199601
Curve Number:	NA	<input type="button" value="OK"/> <input type="button" value="Cancel"/>	

FIG. 15

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Series Info	
Modality	US
Number:	NA
Description:	NA
Operator Identification:	NA
Performing Physician:	NA
Secondary Capture Device ID:	NA
Scheduled Station Name:	NA
Requested Contrast Bolus Agent:	NA
Contrast Bolus Agent:	NA
Body Part:	Head
Device Serial Number:	NA
Software Version:	NA
Study UID:	1252811001196011300620021
DICOM UID:	1252811001195101800120031
Institution Name:	NA
Study Status ID:	NA
Manufacturer:	NA
Manufacturer Model Name:	NA
<input type="button" value="Cancel"/> <input type="button" value="OK"/>	

FIG. 16

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Study Info		Patient Info at Time of Study	
DICOM UID:	1.2.528.1.1001.1.960113006200.219960305.183737	Patient ID:	P0104
ID:	S023	Sex:	M
Time:	7:38:00 AM	Age:	NA
Date:	4/6/1993	Weight:	NA
Referring Physician:	Dr. Hu	Size:	NA
Reading Physician:	NA	Occupation:	NA
Accession Number:		Telephone Number:	NA
Description:	Brain	Address:	NA
Result UID:	NA	Country of Residence:	NA
Reason:	NA	<input type="button" value="OK"/> <input type="button" value="Cancel"/>	
Modality in Study:	NA		
Admit Diagnosis:	NA		
Interpretation Author:	NA		

FIG. 17

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Form1

Event Type:

All Events

All Events

Image Database Mismatch

Invalid Tag Value Character Set (Image Level)

Invalid Tag Value Character Set (Patient Level)

Invalid Tag Value Character Set (Series Level)

Invalid Tag Value Character Set (Study Level)

Invalid Tag Value Length (Image Level)

Invalid Tag Value Length (Patient Level)

Invalid Tag Value Length (Series Level)

Invalid Tag Value Length (Study Level)

Patient Database Mismatch

Series Database Mismatch

Study Database Mismatch

Group Like Events Include Reconciled

Apply Changes Cancel Changes

FIG. 18

TITLE: ROUTING AND STORAGE OF MEDICAL IMAGES
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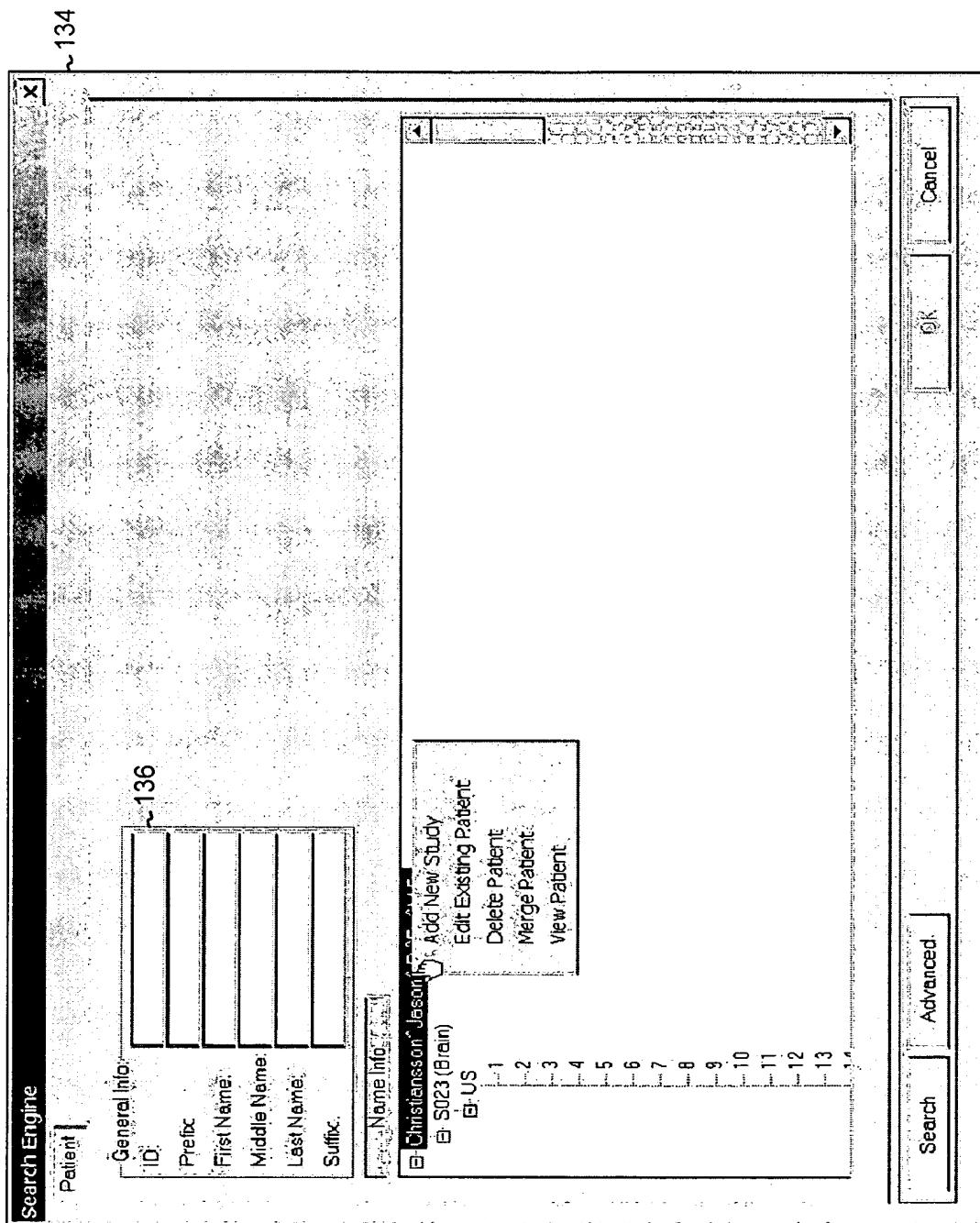


FIG. 19

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08003000	(0008,0030): Study Time. Decimal Tag: (0008,0048)
0c000000	Tag Length: 12
3030303030302e3030303020	Tag Data: 000000.0000
08006000	(0008,0060): Modality. Decimal Tag: (0008,0096)
02000000	Tag Length: 2
4d52	Tag Data: MR
08007000	(0008,0070): Manufacturer. Decimal Tag: (0008,0112)
18000000	Tag Length: 24
5068696c697073204d65646963616c20	Tag Data: Philips Medical
53797374656d7320	Tag Data: Systems
08008000	(0008,0080): Institution Name. Decimal Tag: (0008,0128)
10000000	Tag Length: 16
444f4149204d454d4f5249414c204850	Tag Data: DOAI MEMORIAL HP
08003010	(0008,1030): Study Description. Decimal Tag: (0008,4144)
08000000	Tag Length: 8
432d5350494e4520	Tag Data: C-SPINE
10001000	(0010,0010): Patient's Name. Decimal Tag: (0016,0016)
12000000	Tag Length: 18
4d522f43205350494e452f5453452f32	Tag Data: MR/C SPINE/TSE/2
3536	Tag Data: 56
10003000	(0010,0030): Patient's Birth Date. Decimal Tag: (0016,0048)
08000000	Tag Length: 8
3139363430373331	Tag Data: 19640731
10004000	(0010,0040): Patient's Sex. Decimal Tag: (0016,0064)
02000000	Tag Length: 2
4d20	Tag Data: M

FIG. 20